Secret

(See inside cover)

25X1

THE OBJECT DATA FILE

Second Edition

Secret

Declass Review by NIMA/DOD

NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions

Printed by the
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

THE OBJECT DATA FILE

Second Edition

DECEMBER 1977

CONTENTS

Reverse side blank

SECRET

25X1

*** NOTICE TO USERS ***

The Information Branch/Reference Services Division/Production Services Group in NPIC has prepared this manual for those who need a detailed explanation of the Object Data File. If you have additional questions about ODF content, structure, or retrieval, please contact the ODF coordinator on extension [   ]

25X1

Additional copies of this manual may be obtained from the file coordinator.

Reverse side blank

–v–

THE OBJECT DATA FILE

CONTENT AND STRUCTURE OF THE FILE:
A SUMMARY

The Object Data File (ODF) is a computerized file that enumerates, categorizes and describes foreign objects, equipment, weapons and weapons systems of intelligence interest. The information on objects, derived primarily from community-wide imagery exploitation, is stored on-line at the National Photographic Interpretation Center (NPIC) in the UNIVAC 494 computer system. The file is also available to community users on the Community On-line Intelligence Systems (COINS).

The ODF is a part of the National Base of Image-Derived Information (NBIDI) and NPIC is responsible for its maintenance. Within NPIC, the ODF coordinator (Information Branch/Reference Services Division/Production Services Group) is responsible for its day-to-day operation and for ensuring compliance with community requirements.

The file contains several thousand objects. The "Object Target List" (an extract of the ODF) has been published semi-annually since 1969.

In the ODF all information about one object is stored on one record. Each record is composed of four major sectors, which contain several fields and items within fields.

Each object included in the ODF is assigned an object target number which uniquely identifies it. Other information found in the ODF and used in the data blocks in basic reports on objects include authorized and alternate designators (names), a short description, producer and user countries, and a five-digit hierarchical object classification code.

The substantive information on individual objects in the file includes a listing of related reports and a detailed free-text description of the object. Codes for the nominating agency, National Tasking Plan responsibility, and the security classification are also included.

-1-

In order to be included in the ODF, objects must pass through a nomination and approval process. Nominations from the community are submitted directly to the ODF coordinator or through the office of the chairman, EXSUBCOM/COMIREX and then to the coordinator. These additions, changes, or deletions are then reviewed by the ODF Review Panel which is composed of representatives from the intelligence community. Appropriate action is taken on these nominations according to panel recommendations. New object target numbers may be obtained from the office of the file coordinator.

NPIC COMPUTER PROGRAMS
AND THE ODF

The ODF is stored within NPIC's UNIVAC 494 computer system in a "private file" format and can be queried on NPIC terminals by using BQLT, a modified version of the Batch Query Language (BQL) computer program. The FRNLISTER program can also list information from the file by access through the file reference number (FRN). In addition, the Information Branch will retrieve data and provide special listings on request.

To retrieve information from the ODF, it is necessary to have a detailed knowledge of the file's mnemonics, content, and structure. This information is presented in this manual.

NPIC REPORT FORMAT
TABLES AND FILE QUERIES

When the answer to a query of the ODF is a printout of a record, a report format table has been cited in the query. A report format table determines two things: what is to be output and the format of that output. Each table is identified by a mnemonic.

The tables you will use most frequently are:

ODFTS – Object number sequence, PHEAD/PODFT sectors
only, with TOP SECRET security classification
on printout. Includes both TOP SECRET and
SECRET and below objects, unless security
limitations are specified in the query.

ODFSN – Object number sequence, PHEAD/PODFT sectors
only, with SECRET security classification on printout.
Automatically eliminates TOP SECRET info-
mation.

ODF2T – Object number sequence, PHEAD/PODFT/PREPT/PDSCP
sectors, with TOP SECRET on the printout.
Includes both TOP SECRET and SECRET and
below objects, unless security limitations
are specified in the query.

Other report format tables are also available. For information on
these tables, please contact the Information Branch. Sample NPIC queries
and the retrieved data are presented in Appendix 4.

COMMUNITY COMPUTER PROGRAMS
AND THE ODF

The ODF is available on COINS and may be queried by addressing NSA
(see Appendix 5).

PRESENTATION OF
DATA ON THE ODF

    A description of the sectors which comprise each record in the ODF
follows, including a summary of content and a table that lists the
data in the sector. In the table all fields and items are identified by
mnemonics and listed in alphabetical order by mnemonic.

SECRET

THE PHEAD/PODFT SECTORS

SUMMARY

The PHEAD/PODFT sectors contain data used to describe and identify
one object. The information provided includes a unique identifying
number, authorized and alternate designators, a short description, an
object category code, the object's producer and user countries, the
reporting organization, the security classification of the object, and
the NPIC file reference number.

Sector - PHEAD

FIELD	ITEM	CONTENT	FORMAT
FRN$		File reference number; a number that is automatically assigned by the computer for each record. FRNs for a particular object may be changed from time to time.	6 characters (numeric); right justified, leading zeros

Sector - PODFT

FIELD	ITEM	CONTENT	FORMAT
ALTD		Alternate designator; a commonly accepted name or nickname for an object that is less precise than the authorized designator.	15 characters (alphanumeric); left justified
AUDS		Authorized designator; the official name of the object.	15 characters (alphanumeric); left justified

-6-

Sector - PODFT Continued

FIELD	ITEM	CONTENT	FORMAT
BPLN		Basic plan indicator; the letter B in this field indicates that the object is part of the Basic Reporting Program at the time of nomination.	1 character (alpha); no adjustment
CATE		A five digit hierarchical classification code. See Object Classification Manual, COMIREX-D-32.8/2/1. Copies are available from the office of the file coordinator.	5 characters (numeric); no adjustment
	CAT1	Indicates general category of subject.	3 characters (numeric); no adjustment
	CAT2	Indicates specific category of object	2 characters (numeric); no adjustment

-7-

Sector - PODFT Continued

FIELD	ITEM	CONTENT	FORMAT
	GCAT	Functional category; the first two digits of the object classification code. See Appendix 3.	2 characters (numeric); no adjustment
	WCAT	A four-digit number assigned sequentially to objects within a subject category, preceded by a dash.	5 characters (alpha-numeric); no adjustment
	ICAT	A two-digit suffix assigned sequentially to designate a modification to an original object.	2 characters (numeric); no adjustment
ORGN		Reporting organization; a two-letter code indicating who is submitting the nomination, e.g.:	

AC - USAIIC
CA - NPIC
CB - CIA
CS - CIA/OIA
DA - DIA
FB - FTD
NG - NISC

-8-

Sector - PODFT Continued

FIELD	ITEM	CONTENT	FORMAT
		For other organizational codes see DIAM-57-5, DOD Exploitation of Multi-Sensor Imagery, p. 18.	
PCTY		Two-letter code indicating country where object is manufactured; e.g., UR for the USSR and CH for China. Other codes can be found in FIPS 10.	2 characters (alpha); no adjustment
SECU		Security classification; a two-letter indicator of security classification; TS indicates TOP SECRET; SN indicates SECRET and below.	2 characters (alpha); no adjustment
UCTY		User country; a two-letter code indicating country where object is deployed. Left blank if same as PCTY.	2 characters (alpha); no adjustment

-9-

Sector - PODFT Continued

FIELD	ITEM	CONTENT	FORMAT
DESC		A brief descriptive phrase.	25 characters (alpha-numeric); left justified
NTPC		National Tasking Plan code; indicates functional area of the object as follows: W – Aerospace Weapons & Weapons Systems Responsible Agency – Air Force/FTD X – Naval Weapons & Weapons Systems Responsible Agency – Navy/NISC Y – Ground Weapons & Weapons Systems Responsible Agency – Army/USAIIC	1 character (alpha); no adjustment
OBJN		Object number; a unique number which identifies an object.	9 characters (alpha-numeric); no adjustment

-10-

Sector – PODFT Continued

FIELD	ITEM	CONTENT	FORMAT
XTRA		Extra, used for processing purposes only to indicate the file input status of the object. For example, a change would be a "C" until the change is approved; then the XTRA field would be blank.	1 character (alphanumeric); no adjustment

THE PREPT SECTOR

SUMMARY

The PREPT sector contains data that can be used to identify and
retrieve documents pertaining to the specific object identified in the
PHEAD/PODFT sectors. Included in this sector is the EPF accession
number, the issuing agency, the report number, the publication date and
the security classification.

-12-

Sector - PREPT

FIELD	ITEM	CONTENT	FORMAT
RREF		Report reference; a repeating field. Each contains the bibliographic information on one published report and is composed of the following items:	55 characters (alphanumeric) total per field; limit 10 fields
	ACCN	Exploitation Products File (EPF) document accession number; identifies document; assigned by NPIC when the document is received; also used to request microfiche copies of documents.	9 characters (alphanumeric); left justified
	CLAS	Code for security classification and dissemination restriction of the cited report: the first three characters identify classification and codewords (if any); selected codes are given below; complete list is available in IB/RSD/PSG.	4 characters (alphanumeric); left justified

-13-

Sector - PREPT Continued

FIELD	ITEM	CONTENT	FORMAT

00 - Unclassified
01 - Top Secret
02/02F - Top Secret [   ]   25X1
04 - Secret
05/05Z - Secret/[   ]   25X1
07 - Confidential
08/08Z - Confidential/

25X1   [   ]

10 - Top Secret - [   ]   25X1
   Controls
11/11C - TS/[   ]   25X1
   Controls
25X1   13 - TS/[   ]
14/14H - TS/[   ]   25X1
   Controls
20 - Top Secret - [   ]   25X1
   Controls
20A - Secret - [   ]   25X1
   Controls
21/21F - Top Secret [   ]   25X1

25X1   [   ]

21M/21Q - Secret/[   ]
25X1   25X1
24 - TS/[   ]   25X1
25/25I - TS/[   ]   25X1

25X1   [   ]

| DATE | Date report or document was published; for example, a report published on 2 April 1976 appears as 760402. | 6 characters (numeric); no adjustment |

Sector - PREPT Continued

FIELD	ITEM	CONTENT	FORMAT
	ORIG	Agency that issued the report; the first five characters are the agency abbreviation; the sixth character is the code for the component of the issuing agency. For the complete list of codes, see Appendix 1.	6 characters (alphanumeric); left justified
	RNUM	Report number assigned by the issuing agency.	24 characters (alphanumeric); left justified
	TYPE	Abbreviation for type of report. For the complete list of codes, see Appendix 2.	5 characters (alphanumeric); left justified.
	XTRA	Extra; used for processing purposes only.	1 character (alphanumeric); no adjustment

-15-

THE PDSCP SECTOR

SUMMARY

The PDSCP sector contains a detailed description of the object identified in the PHEAD/PODFT sectors.

Sector - PDSCP

FIELD	ITEM	CONTENT	FORMAT
STAT		Status; used for processing purposes only	1 character (alphanumeric); no adjustment
TEXT		Text; contains a free text description of the object.	variable length (alphanumeric); no adjustment
XTRA		Extra; reserved for file expansion.	4 characters (alphanumeric); no adjustment

-17-

APPENDIX 1
ODF ORIGINATING AGENCY CODES
(PREPT, RREF, ORIG) CURRENT AND HISTORICAL

ODF/EPF ORIGINATING AGENCY CODE	ISSUING COMPONENT	COMMON ABBREVIATION	EXPLANATION
			AIR FORCE
AF	A	AF/ACSI	Assistant Chief of Staff Intelligence
AF	B	USAFE	US Air Force Europe
AF	J	AF SYS COM	Air Force Systems Command/FTD
			ARMY
ARMY	A	USAIIC	U.S. Army Imagery Interpretation Center
ARMY	B	USAREUR	US Army Europe
ARMY	C	USARPAC	US Army Pacific

25X1

I-1

ORIGINATING AGENCY CODES CONTINUED

ODF/EPF ORIGINATING AGENCY CODE	ISSUING COMPONENT	COMMON ABBREVIATION	EXPLANATION
			CENTRAL INTELLIGENCE AGENCY
CIA	A	CIA/OIA	Office of Imagery Analysis/OIA
CIA	C	CIA/OSI	Office of Scientific Intelligence
CIA	N	CIA/OWI	Office Weapons Intelligence
CIA	P	CIA/OSR	Office of Strategic Research
DIA		DIA	Defense Intelligence Agency
GMAIC		GMAIC	Guided Missile & Astronautics Intelligence Committee

25X1

I-2

ORIGINATING AGENCY CODES CONTINUED

ODF/EPF ORIGINATING AGENCY CODE	ISSUING COMPONENT	COMMON ABBREVIATION	EXPLANATION
			NAVY
NAVY	C	FICEUR	Fleet Intelligence Center Europe
NAVY	D	FICLANT	Fleet Intelligence Center Atlantic
NAVY	E	FICPAC	Fleet Intelligence Support Center
NAVY	F	NISC	Naval Intelligence Support Center
			NATIONAL PHOTOGRAPHIC INTER-PRETATION CENTER
NPIC	A	NPIC/IEG	Imagery Exploitation Group
NPIC	B	NPIC/TSG	Technical Services Group
NPIC	D	NPIC/PEG	Priority Exploitation Group

25X1

I-3

II /

APPENDIX 2
REPORT TYPE CODES
(PREPT, RREF, TYPE)

ODF/EPF   REPORT
TYPE CODE   EXPLANATION

BIIB   Basic Imagery Interpretation Brief

BIIR   Basic Imagery Interpretation Report

BREF   Photographic Interpretation Brief

25X1
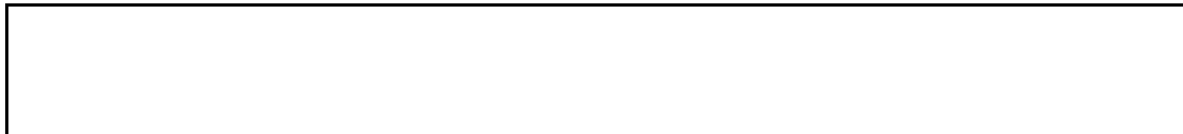
DSIIB   Direct Support Imagery Interpretation Brief

DSIIR   Direct Support Imagery Interpretation Report

ENDR   Engineering Drawing

FEDR   Detailed Photographic Interpretation Report
                     (Far East)

FEGR   General Photographic Interpretation Report
                     (Far East)

FESR   Special Photographic Interpretation Report
                     (Far East)

IIM   Imagery Interpretation Memorandum

INFR   Inter-Office Memorandum

IIR   Imagery Information Report

IRA   Imagery Research Aid

LOT   Letter of Transmittal

MEMO   Memorandum

MODL   Model Announcement

II-1

REPORT TYPE CODES CONTINUED

ODF/EPF REPORT TYPE CODE	EXPLANATION
NEDR	Detailed Photographic Interpretation Report (Near East)
NEGR	General Photographic Interpretation Report (Near East)
NEIR	Initial Photographic Interpretation Report (Near East)
NESR	Special Photographic Interpretation Report (Near East)
NEWS	Newsletter
PAR	Photo Analysis Report
PIN	Photographic Interpretation Note
PIB	Photographic Interpretation Brief
PIR	Photographic Interpretation Report
SPIR	Special Photographic Intelligence Report
SR	Summary Report
STDY	Study
TP	Technical Publication

25X1

II-2

III /

APPENDIX 3
OBJECT NUMBER - FIRST TWO DIGITS
(PODFT, OBJN, GCAT)
FUNCTIONAL CATEGORY

GCAT	EXPLANATION
10	Ores & Concentrates - Nuclear
11	Light Metal Ores & Concentrates
12	Non-Ferrous Metal Ores & Concentrates
13	Iron Ore and Concentrates
14	Coal, Lignite and Peat
15	Crude Petroleum and Natural Gas
17	Non-Metallic Mineral Ores and Concentrates
18	Forest, Agricultural, Animal, Stone, Clay and Earthen Raw Materials
20	Processed Nuclear Feed Materials
21	Processed Non-ferrous Metal and Alloys
22	Processed Light Metals and Metal Alloys
23	Processed Coke, Iron and Steel
24	Processed Organic Chemicals and Chemical Products
25	Processed Inorganic Chemical Products
26	Processed Plastic Material and Synthetic Fiber
27	Processed Wood, Stone, and Earthen Materials
28	Processed Textiles and Leather Goods
29	Miscellaneous Processed Basic Commodities
30	Optical, Industrial and Scientific Instruments

III-1

OBJECT NUMBER - FIRST TWO DIGITS CONTINUED

GCAT   EXPLANATION

31   Metal-working Machinery and Equipment

32   Electrical Equipment

33   Plumbing, Heating, Refrigerating, and Air
                               Conditioning Equipment

34   Earth-moving and Excavating Equipment

35   Rail Transportation Equipment

36   Miscellaneous Special Industrial Machinery and
                               Equipment

37   General Purpose Industrial Equipment

38   Agricultural Equipment

39   Miscellaneous General Metal Equipment

40   Basic Scientific Research Equipment

41   Medical Equipment General

50   Containers

51   Models and Mockups (Except Camouflage and
                               Deception)

52   Non-Communications Electronics

53   Communications Equipment

54   Light Manufactured Products

55   Rubber and Plastic End Products

57   End Product - Wood, Paper, Stone, Clay and
                               Earthen Materials

III-2

OBJECT NUMBER - FIRST TWO DIGITS CONTINUED

GCAT	EXPLANATION
58	Food, Feed and Beverages
59	Apparel, Leather Products and Miscellaneous Textile End Products
60	Nuclear Weapons and Equipment
61	Aircraft
62	Ammunition and Explosives
63	Armament
64	Ground Vehicles
65	Military Engineering Equipment
66	C B R Equipment
67	Ships
68	Missiles
69	Engines and Turbines
70	Earth Orbiting
71	Space Probes
72	Lunar-related Equipment

IV /

SECRET

NUMBER	DESIGNATOR	NTP	DESCRIPTION	ORGN	BP	ALT DESIGN	PCTY UCTY	SECU	CODE	STATUS FRNS
61-000100	FAGOT	W	FIGHTER JET	FT		MIG-15	UR	SN	61110	000788
61-000200	FIREBAR A	W	FIGHTER JET	FB	I	YAK-28P	UR	SN	61110	000789
61-000300	FIREBAR B	W	FIGHTER JET LARGE		W	YAK 28P	UR	SN	61110	000790
61-000400	FIDDLER	W	FIGHTER JET	FT	A		UR	SN	61110	000791
61-000500	FITTER A	W	FIGHTER JET	FT	A	SU-7,	UR	SN	61110	000792
61-000501	FITTER A		FIGHTER JET	NG		SU-7BM	UR	SN	61110	005368
61-000502	FITTER A		FIGHTER JET	NG		SU-7BMK	UR	SN	61110	005360
61-000503	FITTER A		FIGHTER JET	NG		SU-7BKL	UR	SN	61110	005361
61-000600	FITTER B	W	FIGHTER JET, VGW	FB		SU-17	UR	SN	61110	000793
61-000700	FISHPOT B	W	FIGHTER JET	FT	A	SU-9	UR	SN	61110	000794
61-000800	FARMER A	W	FIGHTER JET	FT		MIG-19	UR	SN	61110	000795
61-000900	FARMER B	W	FIGHTER JET	FT		MIG-19	UR	SN	61110	000796
61-001000	FARMER C	W	FIGHTER JET	FT		MIG-19	UR	SN	61110	000797
61-001100	FARMER D	W	FIGHTER JET	FT		MIG-19	UR	SN	61110	000798
61-001200	FARMER E	W	FIGHTER JET	FT		MIG-19	UR	SN	61110	000799
61-001300	FISHBED D	W	FIGHTER JET	FT	A	MIG-21	UR	SN	61110	000800
61-001400	FISHBED E	W	FIGHTER JET	FT	A	MIG-21	UR	SN	61110	000801
61-001500	FISHBED F	W	FIGHTER JET	FT	A	MIG-21	UR	SN	61110	000802
61-001600	FISHBED G	W	FIGHTER JET STOL	FT	A	MIG-21	UR	SN	61116	000803
61-001700	FLASHLIGHT A	W	FIGHTER JET	FT		YAK-25	UR	SN	61110	000804
61-001800	FRESCO A	W	FIGHTER JET	FT		MIG-17				000805
61-001900	FRESCO C	W	FIGHTER JET	FT		MIG-17				0805
61-002000	FRESCO D	W	FIGHTER JET	FT		MIG-17				0807
61-002100	FRESCO E	W	FIGHTER JET	FT		MIG-17				0808
61-002200	MIDGET	W	FIGHTER JET-FAGOT TRAINER			UMIG-15				0809
61-002300	MONGOL A	W	FIGHTER JET-FISHBED TNR	FB	B	MIG-214				5832
61-002300	MONGOL	W	FIGHTER JET-FISHBED TNR	AF		UMIG-21				1810
61-002400	MOUJIK	W	FIGHTER JET-FITTER TNR	AF	A	USU-7	UR	SN	61112	000811
61-002500	FOXBAT	W	FIGHTER JET	FT	A	MIG-	UR	SN	61116	000812
61-002600	FREEHAND	W	FIGHTER JET VTOL	FT	A	YAK-	UR	SN	61116	000813
61-002700	FAITHLESS	W	FIGHTER JET STOL	FT	A	MIG-	UR	SN	61110	000814
61-002800	FLAGON A	W	FIGHTER JET	FT	A	SU-	UR	SN	61110	000815
61-002900	FLAGON B	W	FIGHTER JET VSTOL	FT	A	SU-	UR	SN	61116	000816
61-003000	FLOGGER	W	FIGHTER JET VGW	FB		MIG	UR	SN	61110	000817
61-003100	FISHPOT C	W	FIGHTER JET	FT	A	SU-11	UR	SN	61110	000818
61-003200	E-166	W	FIGHTER JET	FT			UR	SN	61110	000819

(Overlaid query text, right side:)
```
W
BOLT,174
S44,MEB
FOR FILE ODFZ DI;
REPORT ODFSN ON 014:
WHEN PODFT,CATE,CATI EQ 611.
```

FIGURE 1. ALL DATA IN SELECTED RECORDS PRINTED BY THE ODFSN
REPORT FORMAT TABLE. This printout was obtained by citing
ODFSN in a query of the file. (Query is shown above.)

IV-1

SECRET

```
OBJN 52-023900
AUDS LONG TRACK A
NTPC Y
DESC RADAR EQ/ACQ
ORGN NG
BPLN
ALTD 8390Z/P-40
PCTY UR
UCTY
SECU SN
CATE 52221

XTRA

FRNS 006217

ORIG ARMY A     TYPE BIIR     RPTN RAC24-5010-75
DATE 7506       ACCN S072593     CLAS 05       XTRA A
```

BOLT, 174
S44, KFP
FOR FILE ODF2 DI;
REPORT ODFAL ON 014;
WHEN PODFT, OBJN EQ 52-023900.

THE LONG TRACK A ANTENNA HAS AN ASYMMETRICAL, CUT PARABOLIC, OPEN WIRE MESH REFLECTOR WITH ONE END TRUNCATED AND MOUNTED ON THE ROOF OF A MODIFIED AT-T. THE REFLECTOR IS CONSTRUCTED IN THREE SECTIONS WHICH ARE CONNECTED BY HINGES PERMITTING THE ANTENNA TO BE FOLDED FOR TRAVEL. THERE ARE 14 VERTICAL RIBS, INCLUDING THE TRUNCATED END, WHICH SUPPORT THE FINE WIRE MESH REFLECTING SURFACE. THE REFLECTOR IS MOUNTED ALONG THE LONGITUDINAL CENTER AXIS AND LOCATED APPROXIMATELY TWO-THIRDS FROM THE FRONT OF THE AT-T. THIS INFORMATION IS DERIVED FROM USAIIC BIIR RAC24-5010-75.

FIGURE 2. ALL DATA FOR OBJECT NUMBER 52-023900
printed out in the ODFAL format.

APPENDIX 5
COINS FORMAT AND SAMPLE QUERIES

        The Object Data File became available on COINS in July 1976, on the
NSA TIPS system. The COINS ODF is updated monthly, or more frequently
if needed.

        The COINS ODF record format and sample queries appear below. The
user should note that there are significant differences between the
format of the file as it appears in its COINS and NPIC versions, although
the retrievable information remains the same. The retrieval languages
(TILE for COINS and BQL for NPIC) are also significantly different.

        Material for this appendix was extracted from TOCOL (Topics-on-COINS-
ON-LINE), prepared by the COINS Project Management Office (Secure line

25X1

V-1

COINS ODF RECORD FORMAT

The ODF is a multi-formatted file using the following record structure:

AA Record

Field #	Name	Size	Explanation
1	SEQNA	1	Record Sequence Letter
2	SEQNO	2	Record Sequence Number
3	FRN	6	File Reference Number - the unique record number assigned by the NPIC computer for use in the NPIC in-house ODF. FRNs do not identify the object.
4	GCAT	2	The first two digits of the object identification number - the general subject category code.
5	WCAT	5	A four digit number sequentially assigned to objects within a subject category - always begins with a dash (-).

V-2

COINS ODF RECORD FORMAT CONTINUED

Field#	Name	Size	Explanation
6	ICAT	2	A two-digit suffix assigned to designate a modification to an original object.
7	AUDS	15	Authorized Designator – the official name.
8	NTPC	1	National Tasking Plan – indicates functional area of the object as follows: W – Naval Aerospace Weapons & Weapons Systems. Responsible Agency – Air Force/FTD. X – Naval Weapons & Weapons Systems. Responsible Agency – Navy/NISC. Y – Ground Weapons & Weapons Systems. Responsible Agency – Army/USAIIC.
9	DESC	25	A brief phrase describing the Object.

COINS ODF RECORD FORMAT CONTINUED

Field#	Name	Size	Explanation
10	ORGN	2	Code of agency submitting the object information to the data base, e.g.:

AC - USAIIC
CA - NPIC
CB - CIA
CS - CIA/OTA
DA - DIA
FB - FTD
NG - NISC

Additional codes may be found in DIAM-57-5, DOD Exploitation of Multi-sensor Imagery, p. 18.

| 11 | BPLN | 1 | Basic Plan Indicator - a B indicates the object was part of the Basic Reporting Program at time of nomination. |

| 12 | ALTD | 15 | Alternate Designator - a commonly accepted name or nickname for the object. |

| 13 | PCTY | 2 | Producer Country - digraph of the country where the object is manufactured. FIPS PUB 10. |

V-4

COINS ODF RECORD FORMAT CONTINUED

Field#	Name	Size	Explanation
14	UCTY	2	User Country – digraph of the country where the object is manufactured. Blank if same as PCTY.
15	SECU	2	Security Classification of the file information; either: TS – Top Secret; or SN – Secret and below.
16	CAT1	3	General category number of the object.*
17	CAT2	2	Specific category number of the object.* *The five digit object classification codes can be found in "Object Classification Manual", COMIREX-D-32.8/2/1.
18	XTRA	1	Reserved for processing purposes.

25X1

V–5

BB RECORD

Field#	Name	Size	Description
1	SEQNA	2	Record Sequence Letter
2	SEQNO	2	Record Sequence Number
3	FRN	6	File Reference Number
4	ORIG	6	Code of agency and office which wrote the report.
5	TYPE	5	Abbreviation for report type.
6	RPTN	24	Report Reference Number
7	DATE	6	Date of report

V-6

BB RECORD CONTINUED

Field#	Name	Size	Description
8	ACCN	9	Accession number in the EPF used to request microfilm of document from NPIC.
9	CLAS	4	Security Classification and dissemination controls on the document:

00 – Unclassified
01 – Top Secret
02/02F – Top Secret ☐   25X1
04 – Secret
05/05Z – Secret ☐   25X1
07 – Confidential
08/08Z – Confidential ☐   25X1
10 – Top Secret –   25X1
11/11C – TS/ ☐   25X1
13 – TS/ ☐   25X1
14/14H – TS/ ☐   25X1
20 – Top Secret ☐   25X1
20A – Secret –
21/21F – Top Secret ☐   25X1
☐   25X1
21M/21Q – Secret ☐   25X1
  Controls
24 – TS/ ☐   25X1
25/25I – TS/ ☐   25X1
  Controls

| 10 | BLANK | 26 | Not Used |

V-7

CC RECORD

Field#	Name	Size	Description
1	SEQNA	2	Record Sequence Letter
2	SEQNO	2	Record Sequence Number
3	FRN	6	File Reference Number - see AA record format
4	TEXT	80	Free text - allows detailed description of object.

Not all objects require all three record formats to convey the available information - most use mainly the AA record.

All fields are left adjusted.

The file sort sequence is:

     FRN
     SEQNA
     SEQNO

unless otherwise stated in query.

ODF OBJECT Identification Numbers

The Object Identification Number is a three part number used to uniquely identify a particular object. The first part is a two-digit general category code taken from the functional category codes listed in Appendix 3. It is stored in the field GCAT. The second part is a five position code assigned sequentially to objects within a category. In the PODFT field WCAT, the first position of this code is always a dash. The third part of the object identification number, ICAT, is a two-digit suffix which can be used together with the first two parts to identify a single object or variation of an object within a class or type.

For example:

61 is the functional category for all aircraft

61-0005 is the general object number for Fitter A SU-7 Fighter Jets.

61-000501 is the complete object number for the Fitter A SU-7BM Fighter Jet.

Sample Queries for COINS

To retrieve all available information on AN-12 aircraft, one of the following queries may be used:

1. EXTIG/ODF,AA,GCAT(61) and WCAT(-0110).
    SORTG/ODF;AUDS.
    PUB/ODF;ODFAUDS.

This query will return all records with the Object Identification Number 61-0110, which is assigned to AN-12 (CUB) aircraft, regardless of variation.

2. EXTIG/ODF,AA;AUDS(CUB).
    SORTG/ODF;AUDS.
    PUB/ODF;ODFAUDS.

Sample Queries for COINS Continued

In this query, the authorized designator field will be searched for "CUB".
In both of these samples, the output will be in alphabetical order by
authorized designator and will be printed in the ODFAUDS format.

3. EXTIG/ODF,AA;DESC: (Recoilless).
    SORTG/ODF;GCAT,WCAT,ICAT.
    PUB/ODF;ODFOBJNUM.

Here we are scanning the description field for the word "Recoilless".
The output will be sorted by the complete object identification number
and printed in the ODFOBJNUM format.

4. EXTIG/ODF,AA;GCAT(52) and WCAT(-0209) and ICAT(03).
    PUB/ODF;ODFAUDS.

This query will return all available information in the FIRE CAN A radar,
which has the Object Identification Number 52-020903. Since no SORT
order was specified, the data will appear in FRN order.

5. EXTIG/ODF,AA;CAT1(673) and CAT2(11).
    SORTG/ODF;AUDS.
    PUB/ODF;ODFAUDS.

In this query, a search will be made for submarines (general category
673), specifically all ballistic missile nuclear submarines (SSBN -
specific category 11), then printed alphabetically in the authorized
designator format.

Pub Verbs

Currently there are two PUBlish routines associated with ODF. Both will output all available data in retrieved records.

ODF OBJNUM

ODF OBJNUM will display the data in the following form:

```
FRN  GCAT  WCAT  ICAT  CAT1  CAT2        PCTY  UCTY  NTPC  BPLN  SECU
   AUTHORIZED NAME   ALTERNATE NAME       ORGN
     TYPE  REPORT  NUMBER                 DESCRIPTION
       COMMENTS                           DATE  ACCN--EPF  CLAS  ORIG
```

When a SORTG/ODF; GCAT, WCAT, ICAT statement is used in the initial query, the data will be arranged according to the unique 9 character object identification number.

ODF AUDS

ODF AUDS will display the data in the following form:

```
FRN  AUTHORIZED NAME  ALTERNATE NAME GCAT  WCAT  ICAT  CAT1  CAT2
   DESCRIPTION              PCTY  UCTY  SECU  NTPC  BPLN  ORGN
     TYPE REPORT NUMBER          DATE  ACCN-EPF  CLAS  ORIG
         COMMENTS
```

When a SORTG/ODF;AUDS statement is used in the initial query, the data will be in alphabetical order according to the Authorized Designator.

If no SORTG Statement is used, the data will be arranged in FRN order.

V-11

Secret

Secret